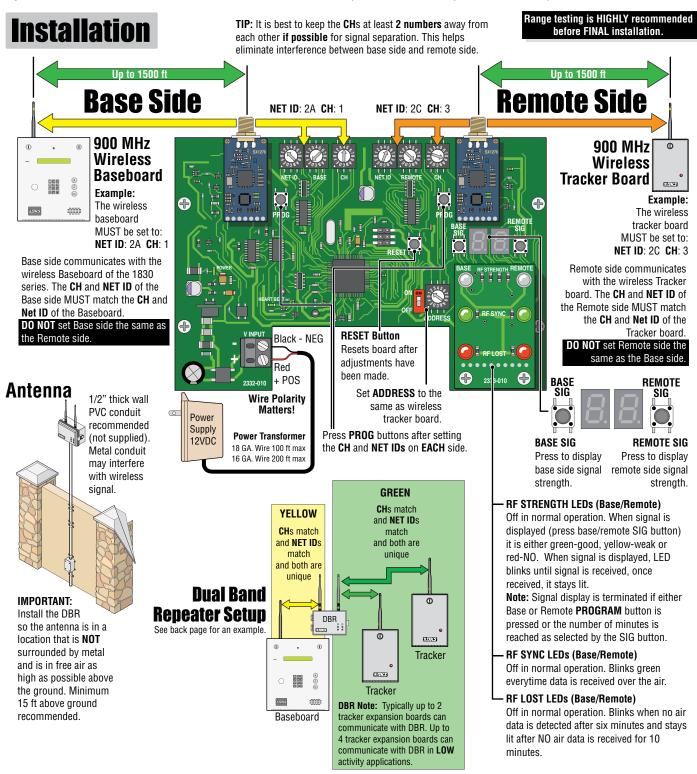
900 MHz WIRELESS DUAL BAND REPEATER

DoorKing Part Number 2332-080

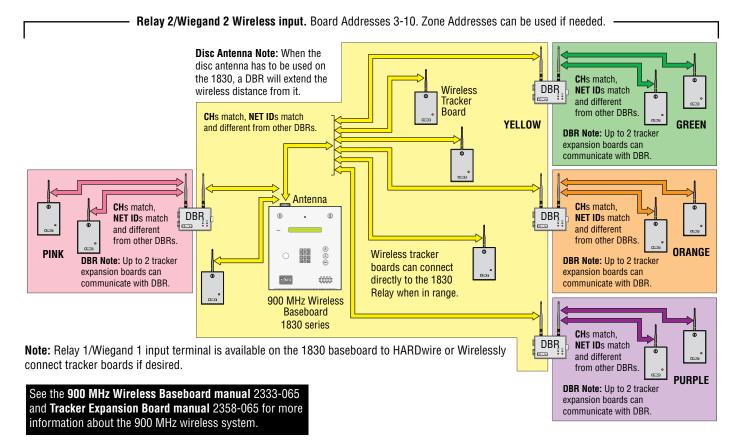
The 900 MHz wireless dual band repeater (DBR) extends the wireless communication range between an access control system (900 MHz wireless baseboard) and 900 MHz wireless tracker expansion board. It gets installed between the wireless devices that are too far or obstructed from each other to reliably communicate with each other. It will receive a signal sent to it and repeat that signal to the next wireless device. ONLY 1 DBR can be used in the same communication line of a tracker expansion board. The signal range of a DBR is **Up to 1500 ft direct-line-of-sight** with no signal interference. See "**900 MHz Wireless Baseboard Manual**" for complete access control system wireless setup information.



Note: DoorKing offers a 900 MHz Wireless Test Range Kit (P/N 1514-140) to allow easy testing of the wireless signal between 2 devices at chosen locations **BEFORE** installing the devices. The self-powered test kit measures the 900 MHz wireless signal between 2 devices in **ANY** chosen locations. Ensuring a good signal can be achieved before installation occurs. 2332-065 Issued 11-18 Version D

Example of Dual Band Repeater Layout

There are many combinations of wireless configurations that a DBR can extend the signal distance between.



Programming Note (#17 Checkin Time): When tracker expansion boards are going through a repeater, at least 1 tracker expansion board must be set to check in every 15 min (the default setting is 5 min.). This helps to keep the repeater active on the network. If this is not set properly, and there is no traffic for 20 minutes, the repeater will reboot, potentially missing a card read.

Important Notice

Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors) or be totally lost. Although significant delays or losses of data are rare when wireless devices are used in a normal manner with a well-constructed network, DoorKing wireless products should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. DoorKing, Inc. accepts no responsibility for damages of any kind resulting from delays or errors in data transmitted or received using DoorKing wireless products, or for failure of DoorKing wireless products to transmit or receive such data.

Safety and Hazards

Do not operate DoorKing wireless products in areas where cellular modems are not advised without proper device certifications. These areas include environments where cellular radio can interfere such as explosive atmospheres, medical equipment, or any other equipment which may be susceptible to any form of radio interference. DoorKing wireless products can transmit signals that could interfere with this equipment. Do not operate DoorKing wireless products in any aircraft, whether the aircraft is on the ground or in flight. In aircraft, DoorKing wireless products **MUST BE POWERED OFF.** When operating, DoorKing wireless products can transmit signals that could interfere such as explosive atmospheres.

The driver or operator of any vehicle should not operate DoorKing wireless products while in control of a moving vehicle. Doing so will detract from the driver or operator's control and operation of that vehicle. In some states and provinces, operating such communications devices while in control of a vehicle is an offence.

